

**AMENDMENTS TO THE CLAIMS**

This listing of claims replaces all prior versions of claims in the application.

1. (Cancelled):

2. (Newly Added): An energy dispersion type X-ray diffraction/spectral device

comprising:

a white X-ray generating means;

an X-ray detecting means; and

a specimen support interposed between said white X-ray generating means and said X-ray detecting means, said specimen support having positioning members which are capable of positioning said white X-ray generating means and said X-ray detecting means relative to each other in either a first position or a second position;

wherein said X-ray diffraction/spectral device obtains intensity data for each level of energy at the first position to obtain first data and at the second position to obtain second data;

wherein said X-ray diffraction/spectral device obtains third data which is data regarding diffracted X-rays and is based on a difference between said first data and said second data; and

wherein said X-ray diffraction/spectral device obtains data regarding fluorescent X-rays from the difference between the first or second data and third data.